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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 6

**Complete if Known**

Application Number	10/524,508
Filing Date	August 13, 2003
First Named Inventor	BELFORT et al.
Art Unit	1723
Examiner Name	To Be Assigned
Attorney Docket Number	18001/5044

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†2
	10.	BLATT et al., "Solute Polarization and Cake Formation in Membrane Ultrafiltration: Causes, Consequences, and Control Techniques," in MEMBRANE SCIENCE AND TECHNOLOGY 47-97 (James E. Flinn ed., 1970)	
	11.	CHELLAM & WIESNER, "Evaluation of Crossflow Filtration Models Based on Shear-induced Diffusion and Particle Adhesion: Complications Induced by Feed Suspension Polydispersity," <i>J. Membr. Sci.</i> 138:83-97 (1998)	
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	13.	DAVIS & SHERWOOD "A Similarity Solution for Steady-state Crossflow Microfiltration," <i>Chem. Eng. Sci.</i> 45(11):3203-3209 (1990)	
	14.	DHARMAPPA et al., "A Comprehensive Model for Cross-flow Filtration Incorporating Polydispersity of the Influent," <i>J. Membr. Sci.</i> 65:173-185 (1992)	
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	16.	ECKSTEIN et al., "Self-diffusion of Particles in Shear Flow of a Suspension," <i>J. Fluid Mech.</i> 79(Pt.1):191-208 (1977)	
	17.	FARRIS, "Prediction of the Viscosity of Multimodal Suspensions from Unimodal Viscosity Data," <i>Trans. Soc. Rheol.</i> 12(2):281-301 (1968)	
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	19.	GARDNER, "Delipidation Treatments for Large-scale Protein Purification Processing," Master's Thesis at Virginia Polytechnic Institute and State University (1998)	
	20.	GÉSAN et al., "Performance of Whey Crossflow Microfiltration During Transient and Stationary Operating Conditions," <i>J. Membr. Sci.</i> 104:271-281 (1995)	
	21.	GÉSAN-GUIZIOU et al., "Critical Stability Conditions in Crossflow Microfiltration of Skimmed Milk: Transition to Irreversible Deposition," <i>J. Membr. Sci.</i> 158:211-222 (1999)	

Examiner Signature	/Joseph Drodge/	Date Considered	10/31/2008
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	22.	GÉSAN-GUIZIOU et al., "Critical Stability Conditions in Skimmed Milk Crossflow Microfiltration: Impact on Operating Modes," <i>Lait</i> 80:129-138 (2000)	
	23.	GOFF & HILL, "Chemistry and Physics," in <i>DAIRY SCIENCE AND TECHNOLOGY HANDBOOK:1 PRINCIPLES AND PROPERTIES</i> 1-81 (Y.H. Hui ed., 1993)	
	24.	GONDRET & PETIT, "Dynamic Viscosity of Macroscopic Suspensions of Bimodal Sized Solid Spheres," <i>J. Rheol.</i> 41(6):1261-1274 (1997)	
	25.	GREEN & BELFORT, "Fouling of Ultrafiltration Membranes: Lateral Migration and the Particle Trajectory Model," <i>Desalination</i> 35:129-147 (1980)	
	26.	HAMMER et al., "Quantitative Flow Measurements in Bioreactors by Nuclear Magnetic Resonance Imaging," <i>Bio/Technol.</i> 8:327-330 (1990)	
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	29.	HOWELL, "Sub-critical Flux Operation of Microfiltration," <i>J. Membr. Sci.</i> 107:165-171 (1995)	
	30.	JOHN et al., "Expression of an Engineered Form of Recombinant Procollagen in Mouse Milk," <i>Nat. Biotech.</i> 17:385-389 (1999)	
	31.	KOEHLER et al., "Intermolecular Forces Between Proteins and Polymer Films with Relevance to Filtration," <i>Langmuir</i> 13:4162-4171 (1997)	
	32.	KAREN YOUNG KREEGER, <i>Transgenic Mammals Likely to Transform Drug Making</i> , THE SCIENTIST, July 21, 1997, at 11	
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	35.	LI et al., "An Assessment of Depolarisation Models of Crossflow Microfiltration by Direct Observation Through the Membrane," <i>J. Membr. Sci.</i> 172:135-147 (2000)	
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	38.	McKEE et al., "Production of Biologically Active Salmon Calcitonin in the Milk of Transgenic Rabbits," <i>Nat. Biotech.</i> 16:647-651 (1998)	
	39.	MCMAHON & MCMANUS, "Rethinking Casein Micelle Structure Using Electron Microscopy," <i>J. Dairy Sci.</i> 81:2985-2993 (1998)	
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	41.	MEIRELES et al., "Effects of Protein Fouling on the Apparent Pore Size Distribution of Sieving Membranes," <i>J. Membr. Sci.</i> 56:13-28 (1991)	
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	46.	PALECEK & ZYDNEY, "Hydraulic Permeability of Protein Deposits Formed During Microfiltration: Effect of Solution pH and Ionic Strength," <i>J. Membr. Sci.</i> 95:71-81 (1994)	

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PTO/SB/08A (10-01)

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	49.	PROBSTEIN et al., "Bimodal Model of Concentrated Suspension Viscosity for Distributed Particle Sizes," <i>J. Rheol.</i> 38(4):811-829 (1994)		
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	56.	THOMAS & GALLAHER, "Hydrodynamic Flux Control for Waste Water Application of Hyperfiltration Systems," <i>Membrane Digest</i> , at 43-57 (EPA Report # EPA-R2-228, 1972)		
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	59.	WEIGAND et al., "Lateral Migration of Spherical Particles in Laminar Porous Tube Flows: Application to Membrane Filtration," <i>Physicochem. Hydrodynam.</i> 6(4):393-413 (1985)	
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	61.	ZEMAN & WALES, "Polymer Solute Rejection by Ultrafiltration Membranes," in II SYNTHETIC MEMBRANES: HYPERFILTRATION AND ULTRAFILTRATION USES 411-434 (A.F. Turbak ed., 1981)	
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	63.	International Search Report for International Patent Application No. PCT/US2003/025230 (June 17, 2004)	

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